

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/024386 A1

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(51) International Patent Classification⁷: B23K 35/04, 35/40, 9/24 (74) Agent: AWAPATENT AB; P.O. Box 11394, S-404 28 Göteborg (SE).

(21) International Application Number: PCT/SE2003/001444

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 16 September 2003 (16.09.2003)

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: Swedish

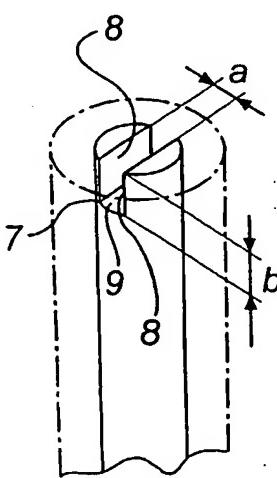
(26) Publication Language: English

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WELDING ELECTRODE AND DEVICE FOR ITS MANUFACTURE



(52) Abstract: The present invention relates to a welding electrode (1) for use in manual arc-welding operations. The welding electrode comprises a core wire having an arc ignition portion including an arc ignition face, the cross-sectional area of said arc ignition portion being reduced relative to the main cross section of the core wire. The arc ignition portion is formed with at least one recess the mouth of which opens in the longitudinal lateral face of the core wire. The invention likewise concerns a device in the manufacture of welding electrodes for use in manual metallic arc welding operations. The manufacturing process comprises a unit for the manufacture of core wires and a unit for applying on said core wires a material forming slag and a shielding gas during the welding operation. The device has at least one shaping unit formed with at least one slitting means for forming at least one slit in one of the end portions of said core wires. It also has at least one holding means, in which said core wires are arranged to be collected in order to be advanced sequentially past the slitting means.